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520.38161CX3

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Kazuhisa ARUGA

Serial No.: 10/632,855

Filed: August 4, 2003

For: DISK SUBSYSTEM

Group: 2187

Examiner: G. Portka

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MAR 19 2004

Technology Center 2100

**PRELIMINARY AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

December 5, 2003

Sir:

Prior to examination, please amend the above-identified application as follows.

12/09/2003 HJUNG1 00000073 10632855

01 FC:1202	36.00 OP
02 FC:1201	172.00 OP